

WPL ACC NO: 1993-030372/199304

XRAM Acc No: C93-013564

(3R,4R)-4-acetoxy 3- (R)-1-hydroxy ethyl 2-azetidinone -
useful as an intermediate for synthesis of beta lactam antibiotic

Patent Assignee: KYOWA HAKKO KOGYO KK (KYOW)

Number of Countries: 001 Number of Patents: 001

Abstract (Basic): JP 4356195 A

(3R,4R)-4-acetoxy-3- ((R)-1-hydroxyethyl) -2-azetidinone (I) is prepd.
by treating (3R,4R)-4-acetoxy-3- ((R)-1-formyloxyethyl)- 2-azetidinone as
solvent, under presence of enzyme that can hydrolyse or transesterificate
the cpd. site specifically and selectively.

USE/ADVANTAGE - (I) is an important intermediate for synthesis of
beta-lactam antibiotics.